

SmartSwitch 8-port

Product Code: NP2008



The high-speed network your business needs

Creating or boosting the performance of a network is as simple as choosing a NetComm SmartSwitch over a standard network hub. A SmartSwitch is easy to install, it configures itself, and it's at home in any network environment – TCP/IP, Windows® or AppleTalk.

HOW DOES NETCOMM'S SMARTSWITCH DO THIS?

By using Intelligent Networking technology, NetComm's SmartSwitch pinpoints the exact recipient of a packet of data and delivers that data directly to it, whereas an ordinary network hub simply "sprays" the data to everyone, clogging up the system with network traffic. The SmartSwitch reduces network traffic, resulting in higher data transfer speeds and fewer network errors. Simply put, SmartSwitch directly connects PCs to PCs, and PCs to network peripherals such as Print Servers and NAS units, ensuring your network is operating efficiently and your staff get their work completed faster.

EASY TO INSTALL AND USE

NetComm's SmartSwitch is so smart it's a pleasure to install. And, once installed, you never need approach it again. SmartSwitch has been designed to be a full Plug & Play solution with quick and simple installation. Its auto-sensing 10Base-T and 100Base-TX design means it will adjust itself to your network system and conditions without the need for user intervention.

CHECK THESE GREAT FEATURES

- Eight 10/100Mbps half/full duplex auto-sensing switch ports
- Intelligent 'Store & Forward Technology'
- Easy Plug & Play configuration
- Increase network speed and decrease chatter
- Durable metal case
- Supports most popular ethernet protocols

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FEATURES

- Compliant with IEEE 802.3i & 802.3u standards
- Automatic MDI/MDIX crossover for 10Base-T & 100Base-TX ports
- Provides eight auto-sensing RJ-45 ports for 10Base-T or 100Base-TX connections
- N-Way Auto-negotiation for 10/100 Mbps transmission
- Intelligent Store & Forward switching architecture
- Auto-detect of full/half-duplex mode in all ports
- Back-pressure for half-duplex; Pause frame for full-duplex
- Plug & Play configuration auto address learning
- Embedded 8K MAC address table and 2M Bits frame buffer
- LED-indicators for power, speed 100Mbps, link/activity
- Space-saving small size
- Durable metal case



PACKAGE CONTENTS

- SmartSwitch 8-Port
- Quick Start Guide
- Power Pack
- Warranty Card

TECHNICAL SPECIFICATIONS

Standard	IEEE802.3 10Base-T Ethernet, IEEE 802.3i & 802.3u x 100Base-TX Fast Ethernet	
Number of ports	8 x 10/100 Mbps Auto-sensing RJ-45 ports	
Data Transfer Rate:	Ethernet:	10 Mbps (half duplex) 20 Mbps (full duplex)
	Fast Ethernet:	100 Mbps (half duplex) 200 Mbps (full duplex)
Network Cables	Cat-5 unshielded twisted-pair cable	
Topology	Star	
LED Indicators	Per Device	Power
	Per Port	100 Mbps, LINK/ACT
Transmission Method	Store and forward	
MAC address table	8K-entry MAC address table	
Maximum Forwarding Rate	(64 byte packets)	
	14,880 pps/10Base-T	
	148,800 pps/100Base-T	

Maximum Filtering Rate	(64 byte packets)
	14,880 pps/10Base-T
	148,800 pps/100Base-T
Flow control	Pause frame (full-duplex) Back-pressure (half-duplex)
Duplex mode	Supports half-duplex & full-duplex mode
Power Supply	External power adaptor, DC 7.5V, 1000mA
Uplink	Auto Uplink on all ports
Dimensions	171mm x 98mm x 29mm (L x W x H)
Temperature	Operating: 0°C to 45°C (32F to 113F) Storage: -10°C to 70°C (-22F to 140F)
Humidity	10% to 90% (non-conditioning)
EMI	FCC Class B, CE mark, C-Tick
Safety	TUV, CUL
Operating System Support	All ethernet networks including Windows® 95/98/NT/2000/XP, TCP/IP and AppleTalk networks

Your Netcomm dealer:

NetComm is Australia's dynamic data communications and networking solutions provider. For more information on this and other NetComm products, please visit www.netcomm.com.au

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